

MANUFACTURING ENGINEERING TECHNOLOGY - INDUSTRIAL ELECTRICAL TECHNICIAN, SHORT-TERM TECHNICAL CERTIFICATE

Curriculum Code #6015

Effective May 2025

Division of Engineering, Business and Information Technologies (<http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/>)

The industrial electrical technician program is designed to provide students with the knowledge and skills necessary for the competent performance as an entry-level electrical maintenance technician. The graduate will repair, test, adjust, or install electronic equipment. Lorain County Community College has articulation agreements with colleges and universities including programs offered by Lorain County Community College's University Partnership.

Preferred Sequence

Fall Semester		Hours
CISS 121	MICROCOMPUTER APPLICATIONS I	3
ELCT 111	ELECTRICAL CIRCUITS I	3
ENGR 120	INTRODUCTION TO ENGINEERING	1
SDEV 101	INTRODUCTION TO THE LCCC COMMUNITY ¹	1
Hours		8
Spring Semester		
AETC 121	PROGRAMMABLE LOGIC CONTROLLERS	3
ELCT 223	ELECTRICAL BLUEPRINT READING	2
TECN 133	MECHANICAL SYSTEMS	3
Hours		8
Total Hours		16

¹

A student must register for the orientation course when enrolling for more than six credit hours per semester or any course that would result in an accumulation of 12 or more credit hours.

Program Contact(s):

David Astorino

440-366-7215

dastorin@lorainccc.edu

For information about admissions, enrollment, transfer, graduation and other general questions, please contact your advising team (<https://www.lorainccc.edu/admissions-and-enrollment/advising-and-counseling/>).

More program information can be found on our website. (<https://www.lorainccc.edu/engineering/manufacturing-engineering/industrial-electrical-technician-short-term-certificate/>)

Credit for Prior Learning (PLA) options may be available for your program. For more information, please visit our website: www.lorainccc.edu/PLA (<http://www.lorainccc.edu/PLA/>)

Program Learning Outcomes

1. Apply math, science, and engineering, technology principles to solve problems in an industrial manufacturing facility.
2. Perform industrial electrical manufacturing tasks in a safe manner.